

RAW SEQUENCE LISTING

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Application Serial Number: 10/519,678
Source: P4/10
Date Processed by STIC: 12/8/05

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PCT

RAW SEQUENCE LISTING

DATE: 12/08/2005

PATENT APPLICATION: US/10/519,678

TIME: 08:25:48

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\12082005\J519678.raw

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5 <110> APPLICANT: FUJIMURA, TAKAO
6     MORI, HIROAKI
7     YOSHIKAWA, KATSUHIKO
8     TAKATA, YOKO
9     ARAMORI, ICHIRO
10    MATSUOKA, HIDEAKI
11    UNAMI, AKIRA
12    NOTO, TAKAHISA
14 <120> TITLE OF INVENTION: Novel method of selecting immunosuppressant having little
15     thrombocytopenic effect
17 <130> FILE REFERENCE: 264163US0PCT
19 <140> CURRENT APPLICATION NUMBER: 10/519,678
20 <141> CURRENT FILING DATE: 2005-01-07
22 <150> PRIOR APPLICATION NUMBER: PCT/JP03/08621
23 <151> PRIOR FILING DATE: 2003-07-07
25 <150> PRIOR APPLICATION NUMBER: JP 2002-203901
26 <151> PRIOR FILING DATE: 2002-07-12
28 <160> NUMBER OF SEQ ID NOS: 19
30 <170> SOFTWARE: PatentIn version 3.1
32 <210> SEQ ID NO: 1
33 <211> LENGTH: 32
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer-1
40 <400> SEQUENCE: 1
41 tcgctagcct gagtatttaa caatcgccacc ct                               32
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 30
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer- 2
52 <400> SEQUENCE: 2
53 cgaagcttgt ggcaggagtt gaggttactg                                   30
56 <210> SEQ ID NO: 3
57 <211> LENGTH: 30
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer-3
64 <400> SEQUENCE: 3
65 cgctagctgc tcttgccac cacaatatgc                                   30

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68 <210> SEQ ID NO: 4
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70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer-4
76 <400> SEQUENCE: 4
77 atagatctat ccctggctcc cacctcag                                28
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81 <211> LENGTH: 28
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer-5
88 <400> SEQUENCE: 5
89 ataagctttg gtggttgcgg agggttcg                                28
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 28
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer-6
100 <400> SEQUENCE: 6
101 atggtaccac cccagaagat gccaggag                                28
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 28
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer- 7
112 <400> SEQUENCE: 7
113 atgctagcgc cctctgagcc tcagtttc                                28
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 731
118 <212> TYPE: DNA
119 <213> ORGANISM: Homo sapiens
121 <220> FEATURE:
122 <221> NAME/KEY: misc_feature
123 <222> LOCATION: (1)..(731)
124 <223> OTHER INFORMATION: Human interleukin-2 (IL-2) gene 5'-flanking region
127 <220> FEATURE:
128 <221> NAME/KEY: TATA_signal
129 <222> LOCATION: (652)..(657)
130 <223> OTHER INFORMATION: Corresponding to the TATA sequence
132 <220> FEATURE:
133 <221> NAME/KEY: misc_feature
134 <222> LOCATION: (676)..(657)
135 <223> OTHER INFORMATION: The putative transcription initiation site of the IL-2 gene
promo
136         ter

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139 <220> FEATURE:
140 <221> NAME/KEY: misc_feature
141 <222> LOCATION: (1)..(731)
142 <223> OTHER INFORMATION: Corresponding to the sequence (689-1416) in the GenBank
database
143      (Acession: X00695), except for several variations.
146 <220> FEATURE:
147 <221> NAME/KEY: variation
148 <222> LOCATION: (38)..(731)
149 <223> OTHER INFORMATION: 1 bp insertion
152 <220> FEATURE:
153 <221> NAME/KEY: variation
154 <222> LOCATION: (196)..(731)
155 <223> OTHER INFORMATION: T to A exchange
158 <220> FEATURE:
159 <221> NAME/KEY: variation
160 <222> LOCATION: (346)..(731)
161 <223> OTHER INFORMATION: T to G exchange
164 <220> FEATURE:
165 <221> NAME/KEY: variation
166 <222> LOCATION: (577)..(731)
167 <223> OTHER INFORMATION: T to A exchange
170 <220> FEATURE:
171 <221> NAME/KEY: variation
172 <222> LOCATION: (688)..(689)
173 <223> OTHER INFORMATION: 2 bp insertion (CT)
176 <400> SEQUENCE: 8
177 ctgagtattt aacaatcgca ccctttaaaa aatgtacaat agacattaag agacttaaac      60
179 agatatataa tcatitttaa ttaaaatagc gttaaacagt acctcaagct caataagcat      120
181 tttaagtatt ctaatccttag tatttctcta gctgacatgt aagaagcaat ctatcttatt      180
183 gtatgcaatt agctcattgt gtggataaaa aggtaaaacc attctgaaac aggaaaccaa      240
185 tacacttcct gtttaatacaa caaatctaaa catttattct ttcatctgt ttactcttgc      300
187 tcttgctccac cacaatatgc tattcacatg ttcagtgtag ttttaggaca aagaaaattt      360
189 tctgagttac ttttgtatcc ccacccctt aaagaaagga ggaaaaactg tttcatacag      420
191 aaggcggttaa ttgcatgaat tagagctatc acctaagtgt gggctaagt aacaaagagg      480
193 gatttcacct acatccattc agtcagtctt tgggggttta aagaaattcc aaagagtcac      540
195 cagaagagga aaaatgaagg taatgtttt tcagacaggt aaagtcttg aaaatatgtg      600
197 taatatgtaa aacattttga ccccccata atatttttcc agaattaaca gtataaattg      660
199 catctcttgt tcaagagttc cctatcactc tctttaatca ctactcacag taacctcaac      720
201 tcctgccaca a                                     731
204 <210> SEQ ID NO: 9
205 <211> LENGTH: 819
206 <212> TYPE: DNA
207 <213> ORGANISM: Homo sapiens
209 <220> FEATURE:
210 <221> NAME/KEY: misc_feature
211 <222> LOCATION: (1)..(819)
212 <223> OTHER INFORMATION: Human GATA- 1 gene promoter region
215 <220> FEATURE:
216 <221> NAME/KEY: misc_feature

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217 <222> LOCATION: (1)..(819)

218 <223> OTHER INFORMATION: Corresponding to the sequence (5342-6160) reported by K. Blechsc

219 hmidt et al. / GenBank (Accession: AF196971)

222 <220> FEATURE:

223 <221> NAME/KEY: misc_feature

224 <222> LOCATION: (790)..(819)

225 <223> OTHER INFORMATION: The putative transcription initiation site of the GATA-1 gene pro

226 moter

229 <400> SEQUENCE: 9

230	atccctggct cccacctcag tttcccgct ccaaggcagc atggcgggca agaagttgag	60
232	gccactgtcc ctgggtgttc ctacccccac accctcacc caagacagcc tggtactgag	120
234	gcgccaacag ccacggctgc ctacatctga taagacttat ctgctgcccc agggcaggcc	180
236	ggagctggcg taagccccag tggggcgcta agtgagtgtg ccctgcctc ccgccagcac	240
238	tggcctggcc tgcaggctta gcctgggtca tcaagggtatc ccacaggctc tagttcaaat	300
240	ccagcagaac ctctctgagc ctcaactctc tcacctgcaa aatgggtaca gccacatccc	360
242	ttctctccct gcagccagga agacgcacat acacaggagt ctagcccaca ccggccccgc	420
244	acaaattaag ggctttactc tctgaaaagc ccagtgaagt catgaaacca tatctgctat	480
246	tttcatttat cttggtttca gcctattttg cttgtctgga cactacagtc cacgggagcc	540
248	taggtcgagc gaggtccaag aatccccagg gtgggcaggg aggggtggaag agggcctcca	600
250	gtgcccaga ggtgccccac aagcatggga cccgccccct ccctggact gccccacca	660
252	ctggggcacc agccactccc tggggaggag ggaggaggga gaaggaggag agggaggag	720
254	ggaggaaggg agcctcaaag gccaaggcca gccaggacac ccctgggat cacactgagc	780
256	ttgccacatc cccaaggcgg ccgaaccctc cgcaaccac	819

259 <210> SEQ ID NO: 10

260 <211> LENGTH: 637

261 <212> TYPE: DNA

262 <213> ORGANISM: Homo sapiens

264 <220> FEATURE:

265 <221> NAME/KEY: misc_feature

266 <222> LOCATION: (1)..(637)

267 <223> OTHER INFORMATION: Human GATA- 1 gene enhancer region

270 <220> FEATURE:

271 <221> NAME/KEY: misc_feature

272 <222> LOCATION: (1)..(637)

273 <223> OTHER INFORMATION: Corresponding to the sequence (2362-2998) reported by K. Blechs

274 chmidt et al. / GenBank (Accession: AF196971)

277 <400> SEQUENCE: 10

278	acccagaag atgccaggag ggagtgagcc agtcaggga ggcttccgag aagagaggac	60
280	attgaagaag agtctcaaac ttaggcctga cggagaagac gcgcggccag gacacccac	120
282	ccccgccctc gtctccccca aagcctgac tggccccact gattccctta tctgccact	180
284	cccagctgcc tccttgctgg ctgaactgtc gccgcagact tctgagcctg cgcgccctcc	240
286	acggggatgg gggagggaat ggggtgaggc ctggcctcac agcctcgggg ttccagctc	300
288	ttgctggagg cagggtctctg gggcgcccta ctctcacc ttggttctc ttctgagcg	360
290	ctctgtgtct tccagaaatg aagaaatggg gtgagtccag cggccaaacc cttgtcttag	420
292	ctcttagaca tgcctcgagc ctgccattcc ctgtgaggac agatttcct atgttgcgac	480
294	cgtgcttct aataataata atgatgatga taattccat ttacagagca caccatttat	540
296	gggtgtgccag caggccctgt gctgagtgg tctaccac gtggggggct aggactttac	600
298	cggttttcca gatgaagaaa ctgaggctca gagggcg	637

301 <210> SEQ ID NO: 11

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302 <211> LENGTH: 434
303 <212> TYPE: DNA
304 <213> ORGANISM: Homo sapiens
306 <220> FEATURE:
307 <221> NAME/KEY: misc_feature
308 <222> LOCATION: (1)..(434)
309 <223> OTHER INFORMATION: Human interleukin-2 (IL-2) gene 5'-flanking region
312 <220> FEATURE:
313 <221> NAME/KEY: TATA_signal
314 <222> LOCATION: (355)..(360)
315 <223> OTHER INFORMATION: Corresponding to the TATA sequence
317 <220> FEATURE:
318 <221> NAME/KEY: misc_feature
319 <222> LOCATION: (379)..(360)
320 <223> OTHER INFORMATION: The putative transcription initiation site of the IL-2 gene
promo
321      ter
324 <220> FEATURE:
325 <221> NAME/KEY: misc_feature
326 <222> LOCATION: (1)..(434)
327 <223> OTHER INFORMATION: Corresponding to the sequence (+985 to +1416 ) in the
GenBank dat
328      abase (Acession: X00695), except for several variations.
331 <220> FEATURE:
332 <221> NAME/KEY: variation
333 <222> LOCATION: (49)..(434)
334 <223> OTHER INFORMATION: T to G exchange
337 <220> FEATURE:
338 <221> NAME/KEY: variation
339 <222> LOCATION: (280)..(434)
340 <223> OTHER INFORMATION: T to A exchange
343 <220> FEATURE:
344 <221> NAME/KEY: variation
345 <222> LOCATION: (391)..(392)
346 <223> OTHER INFORMATION: 2 bp insertion (CT)
349 <400> SEQUENCE: 11
350 tgctcttgtc caccacaata tgctattcac atgttcagtg tagttttagg acaaagaaaa      60
352 ttttctgagt tacttttgta tccccacccc cttaaagaaa ggaggaaaaa ctgtttcata      120
354 cagaaggcgt taattgcatg aattagagct atcacctaag tgtgggctaa tgtaacaaag      180
356 agggatttca cctacatcca ttcagtcagt ctttgggggt ttaaagaaat tccaaagagt      240
358 catcagaaga ggaaaaatga aggtaatgtt ttttcagaca ggtaaagtct ttgaaaatat      300
360 gtgtaatatg taaaacattt tgacaccccc ataatatatt tccagaatta acagtataaa      360
362 ttgcatctct tgttcaagag ttccctatca ctctctttta tcactactca cagtaacctc      420
364 aactcctgcc acaa                                         434
367 <210> SEQ ID NO: 12
368 <211> LENGTH: 59
369 <212> TYPE: DNA
370 <213> ORGANISM: Artificial Sequence
372 <220> FEATURE:
373 <223> OTHER INFORMATION: CEBP-11, synthetic DNA
375 <400> SEQUENCE: 12

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VERIFICATION SUMMARY

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